THE MINISTER OF STATH IN IHE MINISTRfV OF POWER (SHRI P. V. RANGAYYA NAIDU) : (a) No Sir.

(b) Does not arise.

(c) As on date, foreign private ccm-panies have dxown interest to set up 33 power projects for 21289 MW costing Rs. 69471 crores.

**POWER SHORTAGE**

2668. SHRI DAVID LEDGER : Will the Minister of Power be pleased to stale:

(a) the percentage *ot* overall power shertage in the country during the last three years;

(b) the reasons for such shortage; and

(c) what are the steps Government propose to take to irx-rease the eenera-tion capacity ?

THE MINISTER OF STATE IN THE MINISTRY OF POWER (SHRI P. V RANGAYYA NAIDU) • (a) Du:ing the years 1990-91, 1991-92 and 1992-93, the overall percentage of energy shortage in the country was 7.9 per cent, 7.8 per tent and 8.3 per cent respective;!/.

(b) The main reasons for power short- j age in the country were growth in demand j out-stripping the growth in generation of power, constraints of funds with power utilities *tot* capacity addition as well as for undertaking Renovation and Modernisation programme, unsatisfactory per- formance of some thermal power stations j and Atomic Power Stations etc.

(c) In order to incraase the genecating capacity in the country, it is envisaged to add 30558 MW capacity during the 8th Plan. Various other measures being taken to improve the generation in the country from the existing plants include Renovation and Modernisation of old units, assistance to Electricity Boards in undertakhig Plant. Belferment Prograsime supply of requisite quantity and quality of coal and natural fas, training of ope ration and maintenance personnel, strengthening of transmission and distri bution system.

**BIDS FOR VINDMYA€HAL EXTEN-SION PROJECT**

2669. SHRI VIREN J. SHAH:

SHRI PRAMOD MOHAJAN : Will the Minister of Power be pleased to state:

(a) whether the National Thermal Power Corporation has changed its qualifying requironents for bidders for boiler contract of Rs. 1500 crores for Vindhya-chal Extension Project to accommodate Italian Power Utiliy Anasaldo and ACC Babcock Ltd.;

(b) if so. what are the reasons' for relaxation of conditions of eligibility to these two parties to enable them to bid for the contract; and

(c) the number of bids received so far from Indian and foreign parties and what ore the names and details of such putties?

THE MINISTER OF STAFF IN THE MINISTRY OF POWER (SHRI P.,V. RANGAYYA NAIDU) (a) and (b) Vlodhyadial Extension is a World Bank financed project and Qualification lequice-ments for it were to be fixed in consultation with the Bank. It was represented to the Bank that NTPC's Qualification requirement would exclude certain bidden. In order to generate competition, NTPC agreed with the World Bank to modify its Qualification requirements.

(c) Bids have been received for butter from *the* following parties. Indian Parties:

(i) Ms Bharat Heavy Electricals Ltd. (ii) Ms ACC Babcock Ltd., India in Jomt Venture with Foster whether Engineering Corpn. USA.

Foreign Parties:

(i) International Cciabtistiin Ltd. UK.

(ii) Ansaldo GIE, Italy

**POWER SHORTAGE IN HARYANA AND UrrAR PRADESH**

2670. DR. SANJAY SINGH : WiU the Minister of POWER be pleased io state;

(a) whether Government are aware of acute shortage of power in the State of Haryana and Uttar Pradesh, if s), what are the details of conscitiption and de mand of power for industries and Agri culture in those states, and

(b) what steps have bein taken nlpro-posed to be taken to meet the demand and by when these States are likely to bt-come self-sufflcienl in this field ?

THE MINISTER OF STATE IN THE MINISTRY OF POWER (SHRI P V. RANGAYYA NAIDU) : (a) During the period April, 1993—November, 1993, the energy' shortage in Haryam and Uttar Pradesh was 7.9 per cent and 10.2 per cent respectively as aeainst the ail-India average shortage of 7.4 per cent. Power supply to various categories o' consumers including industrial and agricultural sectors is within the authority of the State Govt. State Electricity Boards.

(b) Various measures are being taken to improve the availability of power in Haryana and Uttar Pradesh which include maximising generation from the existing generating stations, implemeniation of Renovation and modernisation programme, reduction m Transmission and Distribution losses, effective load management and energy conservation measures and assistance from neighbouring Slates and systems, allocation of power from unallocated output of Central Sector Stations in the Northern Region.

**PROPOSAL TO SET UP POWER TRANSMISSION 'LINES**

2671. SHRI P. UPENDRA : WiU the Minister of POWER be pleased to state;

(a) whether the Power Grid Corpoi-ation of India has proposed to set up 800 KV power transmission lines between Kishanpur in J&K and Moga in Punjab;

(b) whether World Bank's assistance has been sought for this project;

(c) whethei- the World Bank has ex pressed some doubts regarding the cost of the project and suggested its deferment; and

(d) if so, what action Government ans taking to proceed with the projectt ?

THE MINISTER Ol- STATE iN THt MINISTRY OP POWER (SHRI P. V. RANGAYYA NAIDU : (a) The Government has sanctioned consitruction of 800 KV single circaii transjuission lines between Kishanpur in J&K and Moga in Punjab. The line is ta be charged on 400 kv in the initial stage.

(b) Yes, Sir.

(c) and (d) No, Sir. The World Bank had suggested to study and accept, if feasible an alternative line design of 400 kv, which could he upgraded 800' kv at a later date which the Bank felt, might be economical. The suggestion was examined by Central Electricity Authority (CEA) and Power Grid Corporation of India Ltd. (Powergrid) in consultation with its consultants. They opined that the
original proposal was advantageous as compared to World Bank proposal. It has been decided to retain the ordinal proposal.

**PRIVATE SECTOR POWER PROJECTS**

2672. SHRI KRISHNA KUMAR BIRLA : Will the Minister of POWER b« pleased to state: